

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

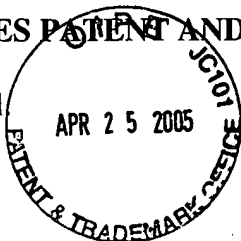
Applicant: Johnson et al

Serial No.: 10/776,997

Filed: 2/11/04

For: **Providing a Low Pressure Condition in a Wellbore Region**

Mail Stop: Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



Attorney Docket No.: 22.1434 DIV1

Art Unit: 3672

Examiner: Hoang C. Dang

**Petition To Correct Inventorship of a Nonprovisional Application
Under (37 C.F.R. § 1.48(a))**

In view of the papers filed February 11, 2004, it has been found that this nonprovisional application, as filed, through error and without deceptive intent, improperly set forth the inventorship, and accordingly, this application has been corrected in compliance with 37 CFR 1.48(a). The inventorship of this application has been changed by the addition of the following inventor:

1. Ian C. Walton

Please charge the petition fee of \$130 to Deposit Account Number 50-0457. No additional fees are thought to be necessary. However should such fees be deemed necessary, please charge any fees and credit any overpayments to Deposit Account No. 50-0457.

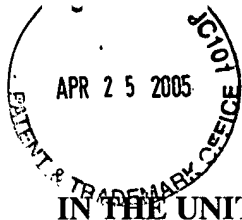
Please stamp and return the enclosed postcard to acknowledge receipt of these documents.


Bryan P. Galloway, Reg. No. 50,312

Intellectual Property Counsel
Schlumberger Reservoir Completions Center
14910 Airline Road
Rosharon, Texas 77583
Phone: (281)285-5720; Fax: (281)285-5537

04/26/2005 AWONDAF1 00000047 500457 10776997

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Johnson et al.

Attorney Docket No.: 22.1434 DIV1

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For: **Providing a Low Pressure Condition in a Wellbore Region**

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

37 C.F.R. § 1.08

The following item is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

1. Petition to Correct Inventorship of a Nonprovisional Patent Application
2. Statement from Added Inventor for Utility Patent Application
3. Statement from Original Inventors to Correct Inventorship of a Patent Application
4. Statement from Assignee to Correct Inventorship of a Patent Application
5. Post Card

Joanne Hyland
Joanne Hyland

4/22/05
Date

Joanne C. Hyland
Schlumberger Technology Corporation
14910 Airline Road
Rosharon, Texas 77583
281/285-5777



BEST AVAILABLE COPY

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Johnson et al.

Attorney Docket No: 22.1434 CIP

Patent No.: 6,732,798

Serial No: 10/316,614

Issued: May 11, 2004

For: Controlling Transient Underbalance in a Wellbore

Mail Stop:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

STATEMENT FROM ADDED INVENTOR
TO CORRECT INVENTORSHIP OF A PATENT

As a below named inventor, I hereby declare that:

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent was granted on the invention entitled: *Controlling Transient Underbalance in a Wellbore*, patent number 6,732,798.

I request that my name be added as a joint inventor, and hereby state that the error in inventorship occurred without deceptive intention on my part.

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Commissioner for Patents, Washington D.C. 20231 by:

- ☐ facsimile to number _____
☒ first class mail.
☐ Express Mail: Post Office to Addressee No.

7/28/04

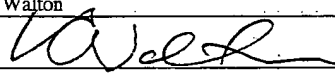
Date

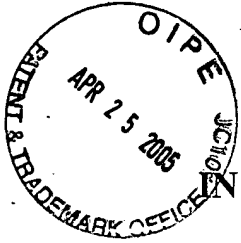
Joanne C. Hyland
Joanne Hyland

Direct all correspondence to:

Patent Counsel
Schlumberger Reservoir Completions
Schlumberger Technology Corporation
P.O. Box 1590
Rosharon, Texas 77583

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Additional Inventor		<input checked="" type="checkbox"/> Attention has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Walton		Ian C.					
Inventor's Signature						Date	6/3/04
Citizenship	U.K.						
Residence Address	703 Johnson Lane						
Residence: City	Sugar Land	State	TX	ZIP	77479	Country	U.S.
Post Office Address	703 Johnson Lane						
City	Sugar Land	State	TX	ZIP	77479	Country	U.S.



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Johnson et al.

Attorney Docket No: 22.1434 CIP

Patent No.: 6,732,798

Serial No: 10/316,614

Issued: May 11, 2004

For: **Controlling Transient Underbalance in a Wellbore**

Mail Stop:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**STATEMENT FROM ORIGINAL INVENTORS
TO CORRECT INVENTORSHIP OF A PATENT**

As below named inventors, we hereby declare that:

We are in agreement with the petition to add Ian C. Walton as an inventor to the patent entitled *Controlling Transient Underbalance in a Wellbore*, patent number 6,732,798 B2.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Commissioner for Patents, Washington D.C. 20231 by:

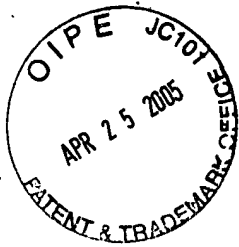
- ☐ facsimile to number _____
☒ first class mail.
☐ Express Mail: Post Office to Addressee No.

Date

7/28/04

Joanne Hyland

Joanne Hyland



Direct all correspondence to:

Patent Counsel
Schlumberger Reservoir Completions
Schlumberger Technology Corporation
P.O. Box 1590
Rosharon, Texas 77583

Name of Sole or First Inventor				Family Name or Surname			
Given Name (first and middle (if any))				Johnson			
Ashley B.							
Inventor's Signature	[Signature]			Date	4 June 2004		
Citizenship	United Kingdom						
Residence Address	Ravello, Butt Lane, Milton						
Residence: City	Cambridge	ZIP	CB4 6DG	Country	Great Britain		
Post Office Address	Ravello, Butt Lane, Milton						
City	Cambridge	ZIP	CB4 6DG	Country	Great Britain		

Name of Additional Inventor				Family Name or Surname			
Given Name (first and middle (if any))				Behrmann			
Lawrence A.							
Inventor's Signature				Date			
Citizenship	U.S.						
Residence Address	12442 Shadycrest Drive						
Residence: City	Houston	State	TX	ZIP	77082	Country	U.S.
Post Office Address	12442 Shadycrest Drive						
City	Houston	State	TX	ZIP	77082	Country	U.S.

Name of Additional Inventor				Family Name or Surname			
Given Name (first and middle (if any))				Yang			
Wenbo							
Inventor's Signature				Date			
Citizenship	U.S.						
Residence Address	3019 Sam Houston Drive						
Residence: City	Sugar Land	State	TX	ZIP	77479	Country	U.S.
Post Office Address	3019 Sam Houston Drive						
City	Sugar Land	State	TX	ZIP	77479	Country	U.S.

Name of Additional Inventor				Family Name or Surname			
Given Name (first and middle (if any))				Doornbosch			
Fokko Harm Cornelis							
Inventor's Signature				Date			
Citizenship	The Netherlands						
Residence Address	Jamnholbakken 4						
Residence: City	SOLA	Country	The Netherlands				
Post Office Address	Jamnholbakken 4						
City	SOLA	Country	The Netherlands				

Direct all correspondence to:

Patent Counsel
Schlumberger Reservoir Completions
Schlumberger Technology Corporation
P.O. Box 1590
Rosharon, Texas 77583

Name of Sole or First Inventor				<input type="checkbox"/> A petition has been filed for this unsigned inventor.			
Given Name (first and middle [if any])				Family Name or Surname			
Ashley B.				Johnson			
Inventor's Signature				Date			
Citizenship	United Kingdom						
Residence Address	Ravello, Butt Lane, Milton						
Residence: City	Cambridge	ZIP	CB4 6DG	Country	Great Britain		
Post Office Address	Ravello, Butt Lane, Milton						
City	Cambridge	ZIP	CB4 6DG	Country	Great Britain		

Name of Additional Inventor				<input type="checkbox"/> A petition has been filed for this unsigned inventor.			
Given Name (first and middle [if any])				Family Name or Surname			
Lawrence A.				Behrmann			
Inventor's Signature	<i>Lawrence A. Behrmann</i>			Date	7 July 04		
Citizenship	U.S.						
Residence Address	12442 Shadycrest Drive						
Residence: City	Houston	State	TX	ZIP	77082	Country	U.S.
Post Office Address	12442 Shadycrest Drive						
City	Houston	State	TX	ZIP	77082	Country	U.S.

Name of Additional Inventor				<input type="checkbox"/> A petition has been filed for this unsigned inventor.			
Given Name (first and middle [if any])				Family Name or Surname			
Wenbo				Yang			
Inventor's Signature				Date			
Citizenship	U.S.						
Residence Address	3019 Sam Houston Drive						
Residence: City	Sugar Land	State	TX	ZIP	77479	Country	U.S.
Post Office Address	3019 Sam Houston Drive						
City	Sugar Land	State	TX	ZIP	77479	Country	U.S.

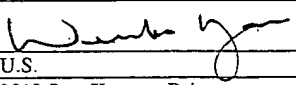
Name of Additional Inventor				<input type="checkbox"/> A petition has been filed for this unsigned inventor.			
Given Name (first and middle [if any])				Family Name or Surname			
Fokko Harm Cornelis				Doornbosch			
Inventor's Signature				Date			
Citizenship	The Netherlands						
Residence Address	Jamnholbakken 4						
Residence: City	SOLA	Country	The Netherlands				
Post Office Address	Jamnholbakken 4						
City	SOLA	Country	The Netherlands				

Direct all correspondence to:

Patent Counsel
Schlumberger Reservoir Completions
Schlumberger Technology Corporation
P.O. Box 1590
Rosharon, Texas 77583

Name of Sole or First Inventor		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Ashley B.		Johnson			
Inventor's Signature		Date			
Citizenship	United Kingdom				
Residence Address	Ravello, Butt Lane, Milton				
Residence: City	Cambridge	ZIP	CB4 6DG	Country	Great Britain
Post Office Address	Ravello, Butt Lane, Milton				
City	Cambridge	ZIP	CB4 6DG	Country	Great Britain

Name of Additional Inventor		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Lawrence A.		Behrmann			
Inventor's Signature		Date			
Citizenship	U.S.				
Residence Address	12442 Shadycrest Drive				
Residence: City	Houston	State	TX	ZIP	77082
Post Office Address	12442 Shadycrest Drive				
City	Houston	State	TX	ZIP	77082
				Country	U.S.

Name of Additional Inventor		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Wenbo		Yang			
Inventor's Signature		Date		6/7/2004	
Citizenship	U.S.				
Residence Address	3019 Sam Houston Drive				
Residence: City	Sugar Land	State	TX	ZIP	77479
Post Office Address	3019 Sam Houston Drive				
City	Sugar Land	State	TX	ZIP	77479
				Country	U.S.

Name of Additional Inventor		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Fokko Harm Cornelis		Doornbosch			
Inventor's Signature		Date			
Citizenship	The Netherlands				
Residence Address	Jamnholbakken 4				
Residence: City	SOLA	Country		The Netherlands	
Post Office Address	Jamnholbakken 4				
City	SOLA	Country		The Netherlands	

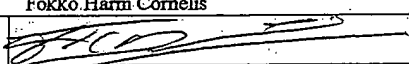
Direct all correspondence to:

Patent Counsel
Schlumberger Reservoir Completions
Schlumberger Technology Corporation
P.O. Box 1590
Rosharon, Texas 77583

Name of Sole or First Inventor				<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Ashley B.				Johnson			
Inventor's Signature				Date			
Citizenship	United Kingdom						
Residence Address	Ravello, Butt Lane, Milton						
Residence: City	Cambridge	ZIP	CB4 6DG	Country	Great Britain		
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City	Cambridge	ZIP	CB4 6DG	Country	Great Britain		

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Given Name (first and middle [if any])				Family Name or Surname			
Lawrence A.				Behrmann			
Inventor's Signature				Date			
Citizenship	U.S.						
Residence Address	12442 Shadycrest Drive						
Residence: City	Houston	State	TX	ZIP	77082	Country	U.S.
Post Office Address	12442 Shadycrest Drive						
City	Houston	State	TX	ZIP	77082	Country	U.S.

Name of Additional Inventor				<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Wenbo				Yang			
Inventor's Signature				Date			
Citizenship	U.S.						
Residence Address	3019 Sam Houston Drive						
Residence: City	Sugar Land	State	TX	ZIP	77479	Country	U.S.
Post Office Address	3019 Sam Houston Drive						
City	Sugar Land	State	TX	ZIP	77479	Country	U.S.

Name of Additional Inventor				<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Fokko Harm Cornelis				Doornbosch			
Inventor's Signature				Date	8 JUN 2004		
Citizenship	The Netherlands						
Residence Address	1 Kirkton Avenue						
Residence: City	WESTHILL	Country	Great Britain				
Post Office Address	1 Kirkton Avenue						
City	WESTHILL	Country	Great Britain				



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Johnson et al.

Attorney Docket No.: 22.1434 DIV1

Serial No.: 10/776,997

Art Unit: 3672

Filed: 2/11/04

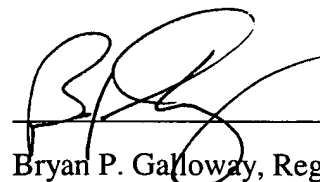
Examiner: Hoang C. Dang

For: **Providing a Low Pressure Condition in a Wellbore Region**

Mail Stop: Petitions
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**STATEMENT FROM ASSIGNEE TO CORRECT
INVENTORSHIP OF A PATENT APPLICATION**

As Assignee (See Statement Under 37 CFR 3.73 (b)), Schlumberger Technology Corporation agrees with the petition to add Ian C. Walton as an inventor to U.S. Patent Application, Serial Number 10/776,997, entitled **Providing a Low Pressure Condition in a Wellbore Region**.


Bryan P. Galloway, Reg. No. 50,312

Intellectual Property Counsel
Schlumberger Reservoir Completions Center
14910 Airline Road
Rosharon, Texas 77583
Phone: 281/285-5668; Fax: 281/285-5537



STATEMENT UNDER 37 CFR 3.73(b)

Applicant: **Schlumberger Technology Corporation**

Docket No.: 22.1434CIP/DIV

Application No.: 10/776,997

Filed: 2/11/2004

Entitled: **Providing a Low Pressure Condition in a Wellbore**

Schlumberger Technology Corporation, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of either:

A. ☒ Assignment from the inventor(s) of the patent application identified above. The assignments were recorded in the Patent and Trademark Office at (1) Reel: 013568, Frame 0331 AND (2) Reel: 014683, Frame 0595, for which copies thereof are attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above to current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel ____ Frame ____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel ____, Frame ____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel ____, Frame ____, or for which a copy thereof is attached.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this statement on behalf of the assignee

Date: 4/22/05

Signature: _____

Bryan P. Galloway, Reg. No.: 50,312
Intellectual Property Counsel



UNITED STATES
PATENT AND
TRADEMARK OFFICE



22.143A CIP1

APRIL 15, 2003

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

SCHLUMBERGER TECHNOLOGY CORPORATION
JEFFREY E. GRIFFIN
ATTN: PATENT COUNSEL
P.O. BOX 1590
ROSHARON, TEXAS 77583-1590

PTAS

RECEIVED

APR 21 2003

I.P. LAW DEPT.



102313110A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/11/2002

REEL/FRAME: 013568/0331
NUMBER OF PAGES: 12

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JOHNSON, ASHLEY B.

DOC DATE: 09/09/2002

ASSIGNOR:

BEHRMANN, LAWRENCE A.

DOC DATE: 09/12/2002

ASSIGNOR:

YANG, WENBO

DOC DATE: 09/19/2002

ASSIGNOR:

DOORNBOSCH, FOKKO H.C.

DOC DATE: 12/06/2002

ASSIGNEE:

SCHLUMBERGER TECHNOLOGY
CORPORATION
300 SCHLUMBERGER
SUGAR LAND, TEXAS 77478

SERIAL NUMBER: 10316614
PATENT NUMBER:

FILING DATE: 12/11/2002
ISSUE DATE:

95

MTV/CPG

013568/0331 PAGE 2

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

WHEREAS, I, **Ashley B. Johnson**, a citizen of the United Kingdom, residing at Ravello, Butt Lane, Milton, Cambridge, CB4 6DG, Great Britain; **Lawrence A. Behrmann**, a citizen of the United States of America, residing at 12442 Shadycrest Drive, Houston, Texas 77082, **Wenbo Yang**, a citizen of the United States of America, residing at 3019 Sam Houston Drive, Sugar Land, Texas 77479, and **Fokko H. C. Doornbosch**, a citizen of The Netherlands, residing at Jamnholbakken 4, 4050 SOLA, Norway, hereinafter referred to as the "Inventor", have made inventions and improvements in: **Controlling Transient Underbalance in a Wellbore** which are the subject of an application for Letters Patent of the United States of America, executed by us on the date(s) indicated below, (Docket No. 22.1434 CIP1), hereinafter referred to as the "Invention(s)".

AND WHEREAS, Schlumberger Technology Corporation, hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 300 Schlumberger Drive, Sugar Land, Texas 77478 is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore; NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF I, Ashley B. Johnson, have hereunto set my hand and seal this

9 SEPTEMBER, 2002.

Ashley B. Johnson
Ashley B. Johnson

BE IT KNOWN, that, is to me known to be the individual described in the foregoing assignment, that on this 9th day of September, 2002, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

P. Hew
Witness

JM Cook
Witness

SCHLUMBERGER CAMBRIDGE RESEARCH
HIGH CROSS, MADINGLEY ROAD
CAMBRIDGE CB3 0EL
UK
Post Office Address

4 GILTON ROAD
CAMBRIDGE
CB3 0LJ
Post Office Address

IN WITNESS WHEREOF I, Lawrence A. Behrmann, have hereunto set my hand and seal this

12 Sept, 2002.

Lawrence A. Behrmann

Lawrence A. Behrmann

STATE OF TEXAS §

§

COUNTY OF BRAZORIA §

BEFORE ME, this Sept 12, 2002 personally appeared Lawrence A. Behrmann, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

James C. Highland

Notary Public in and for the State of Texas

SEAL

My Commission Expires: 5/27/03



IN WITNESS WHEREOF I, Wenbo Yang, have hereunto set my hand and seal this

9/19, 2002.

Wenbo Yang
Wenbo Yang

STATE OF TEXAS §
 §
COUNTY OF BRAZORIA §

BEFORE ME, this Sept 19, 2002 personally appeared Wenbo Yang, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

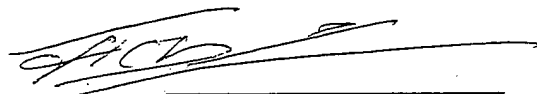
James C. Cleland
Notary Public in and for the State of Texas

My Commission Expires: 5/27/03



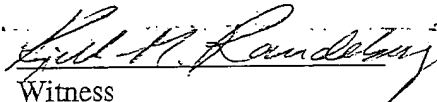
IN WITNESS WHEREOF I, Fokko H. C. Doornbosch the Inventor, have hereunto set my hand and seal.

6-Dec-2002
Date


Fokko H. C. Doornbosch

WITNESSED:

BE IT KNOWN, that, is to me known to be the individual described in the foregoing assignment, that on this 6th day of December, 2002, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.


Witness

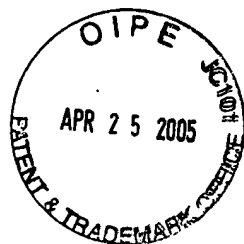
Bulegata 16
4070 Romsberg
NORWAY

Post Office Address

M. H. G. THICSEN
Witness

STORHAUGVEIEN 16F
SLAVANGER
NORWAY

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PTAS

SCHLUMBERGER TECHNOLOGY CORPORATION
JEFFREY E. GRIFFIN
P.O. BOX 1590
ATTN: PATENT COUNSEL
ROSHARON, TX 77583-1590

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 06/03/2004

REEL/FRAME: 014683/0595
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WALTON, IAN C.

DOC DATE: 06/03/2004

ASSIGNEE:

SCHLUMBERGER TECHNOLOGY
CORPORATION
300 SCHLUMBERGER
SUGAR LAND, TEXAS 77478

SERIAL NUMBER: 10316614

FILING DATE: 12/11/2002

PATENT NUMBER: 6732798

ISSUE DATE: 05/11/2004

TITLE: CONTROLLING TRANSIENT UNDERBALANCE IN A WELLBORE

ASSIGNMENT

WHEREAS, I, **Ian C. Walton**, a citizen of the United Kingdom, residing at 703 Johnson Lane, Sugar Land, Texas 7479, hereinafter referred to as the "Inventor", have made inventions and improvements in: **Controlling Transient Underbalance in a Wellbore** which were the subject of an application for Letters Patent of the United States of America, serial number 10/316,614, filed December 11, 2002, (Docket No. 22.1434 CIP). This application issued May 11, 2004, as United States patent number 6,732,798.

AND WHEREAS, SCHLUMBERGER TECHNOLOGY CORPORATION, hereinafter referred to as "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas, and having a place of business at 300 Schlumberger, Sugar Land, Texas 77478 is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to the Invention(s), and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I the Inventor, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the Invention(s), described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on the Invention(s) in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon the Invention(s).

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on the Invention(s).

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

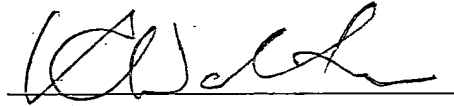
AND I do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make,

execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to the Invention(s), and any related application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF I, **Ian C. Walton** have hereunto set my hand and seal this

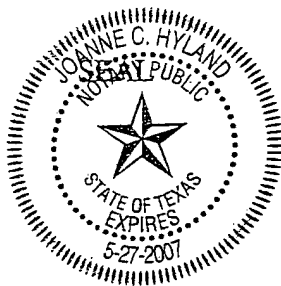
June 3 2004, _____.

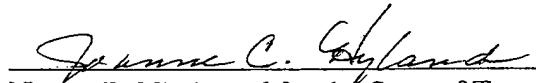


Ian C. Walton

STATE OF TEXAS §
 §
COUNTY OF BRAZORIA §

BEFORE ME, this June 3, 2004 personally appeared **Ian C. Walton**, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.





Notary Public in and for the State of Texas

My Commission Expires: 5/27/07

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